

IN THE CLAIMS:

Please amend claims 1-4, and add new claims 5-10 as follows:

1. (Currently Amended) A logical volume administration method, comprising:
designating a plurality of logical volumes in a disk apparatus serving as a storage each of which is constructed by a steady area corresponding to a task of steadily allocating a disk area in the disk apparatus steadily allocated to a task and a temporary area not corresponding to a task or a disk area in the disk apparatus of allocating no disk area until allocation of a disk area is requested; and a disk area is allocated to the temporary area as necessary in accordance with a task from a disk pool which is not commanded by any tasks
allocating first disk areas in said disk apparatus as said plurality of steady areas of said plurality of logical volumes; and
allocating second disk areas in said disk apparatus, which are different from said first disk areas, as a disk pool to be said plurality of temporary areas of said plurality of logical volumes in a time sharing manner.
2. (Currently Amended) The logical volume administration method according to claim 1, further comprising a step of determining an order of allocating said second disk areas of the disk pool to be the temporary areas in accordance with priority of each of said temporary areas.
3. (Currently Amended) The logical volume administration method according to claim 1, wherein the priority of each of said temporary areas becomes higher according to an allocation wait time.
4. (Currently Amended) The logical volume administration method according to claim 1, wherein said second disk areas of said disk pool [[is]] are allocated to be said temporary areas when said second disk areas of said disk pool [[is]] are freed.

5. (New) A computer system comprising:
a disk apparatus; and
a computer which designates one of first disk areas of said disk apparatus to each of a plurality of logical volumes,
wherein each of said logical volumes includes a steady area corresponding to one of the first disk areas in the disk apparatus steadily allocated to a task and a temporary area not corresponding to a task or a disk area in the disk apparatus until allocation of a disk area is requested, and
said computer allocates second disk areas in said disk apparatus, which is different from the first disk areas to be said temporary area of said logical volume in a time sharing manner, as a disk pool to be said plurality of temporary areas of said plurality of logical volumes in a time sharing manner.
6. (New) The computer system according to claim 5, wherein said computer allocates said second disk areas of the disk pool to be the temporary areas in accordance with priority of each of said temporary areas.
7. (New) The computer system according to claim 6, wherein the priority of each of said temporary areas becomes higher according to an allocation wait time.
8. (New) A computer system comprising:
a storage apparatus; and
a computer which designates one of first storage areas of said storage apparatus to each one of a plurality of logical volumes, said logical volumes being accessed by requests of write in and read out,
wherein said storage apparatus includes said first storage areas and second storage areas;
each of said logical volumes includes a first area corresponding to said first storage area of said storage apparatus and a second area corresponding to said second storage area of said storage apparatus; and

said computer allocates said second areas of said storage apparatus to be said second areas of said logical volumes in a time sharing manner.

9. (New) The computer system according to claim 8, wherein each of said first areas of said logical volumes stores data to stay therein steadily, and each of said second areas of said logical volumes stores data not to stay therein steadily.
10. (New) The computer system according to claim 9, wherein said first areas of said logical volumes are Web page repository or Web access history repository.